



**Genesis Testing Labs**  
1620 South Main St, Unit A  
Grove, OK 74344  
(918)791-3460  
OMMA # LAAA-EKZ6-UNEB  
OBN #: 65198

# Certificate of Analysis

**Client Name:** DEEP WATER CULTIVATORS

**Address:** 509 REDBUD DR.  
MINCO, OK  
73059-2354

**OMMA License #:** GAAA-YVCY-25F5

**OBN License #:** 10000553

**Sample Name:** Monster Cali OG Kush X Haze

**Matrix:** Flower

**Customer Batch #:** Monster Cali OG Kush X Haze  
20221118

**Collection Date:**

**METRC #:** 1A40E0100013D95000000114

**Sampling SOP:** GTL-SOP-020-Collection of Samples and Transportation

**Received Date:** 02/10/2023

**Received Weight (g):** 11.42

**Lab Sample ID:** SA-020823-25494

**Amended :** Revision #0

## Summary of Results

Potency Profile		Terpene Profile	
Cannabinoid	Result mg/g	Terpene	Result %
CBDV	ND	Camphene	0.0182005
CBDA	0.988811	Myrcene	0.343852
CBN	ND	β-pinene	0.2501
CBD	<LOD	3-Carene	ND
CBGA	19.3162	Delta-limonene	0.202394
CBG	3.87593	Cymene	ND
THCV	ND	β-Ocimene	ND
Δ9-THC	42.0694	Eucalyptol	ND
Δ8-THC	ND	γ-Terpinene	ND
THCA	225.036	α-Terpinene	0.0360096
CBC	0.417733	Terpinolene	ND
Total THC %	23.9426%	Linalool	0.229922
Total THC mg/g	239.426	Isopulegol	ND
		Geraniol	ND
		β-Caryophyllene	0.443495
		Humulene	0.227723
		Nerolidol	0.130957
		Guaiol	ND
		Caryophyllene oxide	0.0368345
		α-Bisabolol	0.104951
		Total Terpene %	2.07593

Microbiological Profile	
All Results	Pass

Mycotoxin Screening	
All Results	NT

Residual Solvents	
All Results	NT

Heavy Metals Screening	
All Results	Pass

Pesticide Screening	
All Results	Pass

Water Activity	
All Results	Pass



Accreditation No: 108964



Total THC Equation=[(THCA \* 0.8770) + 9THC] Abbreviation: LOD: Limit of Detection; LOQ: Limit of Quantitation; NA Not Applicable; ND: Not Detected; NT: Not Tested; SO: Test Send Out; TNC: Too numerous to count. The product represented has been tested by GTL using advanced analytical instrumentation with proven and validated scientific methodologies. GTL makes no claims as to the efficacy and/or safety of the product represented herein. This Certificate of Analysis may not be reproduced except in full, without the express written consent of Genesis Testing Laboratories. Some tests may be sub-contracted to partner labs as indicated in the Certificate of Analysis; subcontract labs are fully OMMA compliant and licensed by the State of Oklahoma. This Certificate of Analysis expires one year from Issue Date.



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### Potency

**Date Analyzed:** 02/14/2023

**Instrument:** HPLC-UV

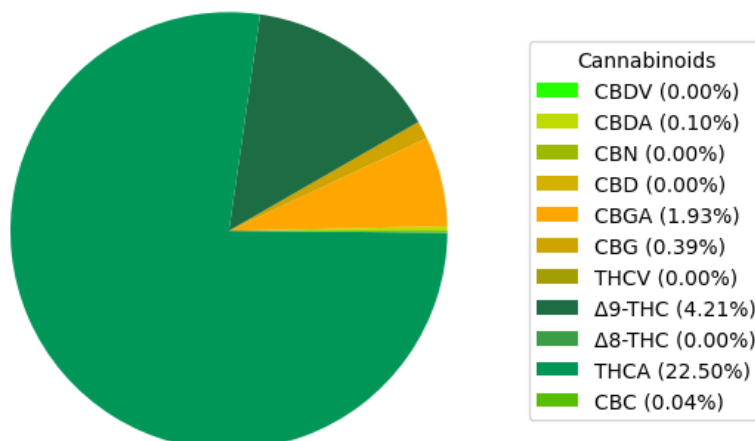
**Date Completed:** 02/15/2023

**Method:** GTL-SOP-010-Cannabinoid Potency by HPLC

**Test Batch #:** BA-021323-4916

Cannabinoid	Result %	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
CBDV	ND	ND	0.012	0.183
CBDA	0.0989	0.9888	0.030	0.156
CBN	ND	ND	0.055	0.326
CBD	0.00105755	<LOD	0.034	0.097
CBGA	1.9316	19.3162	0.063	0.241
CBG	0.3876	3.8759	0.045	0.129
THCV	ND	ND	0.051	0.123
$\Delta$ 9-THC	4.2069	42.0694	0.043	0.157
$\Delta$ 8-THC	ND	ND	0.071	0.626
THCA	22.5036	225.036	0.063	0.176
CBC	0.0418	0.4177	0.017	0.036
% Moisture	5.8			
Total Cannabinoids	29.1715	291.715		
Total CBD	0.0878	0.8778		
Total THC	23.9426	239.426		

Cannabinoid Distribution (%)



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### Terpenoid

**Date Analyzed:** 02/21/2023

**Instrument:** GC-MS DI

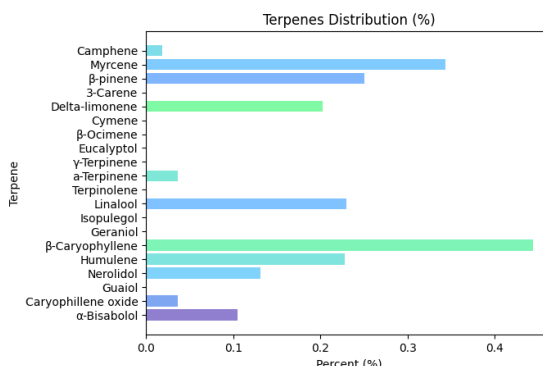
**Date Completed:** 02/22/2023

**Method:** GTL-SOP-018-Terpenes by GC-MS DI

**Test Batch #:** BA-021323-4901

Terpene	Result (mg/g)	Result (%)	LOD (ug/g)	LOQ (ug/g)
Camphene	0.1820	0.0182005	0.085	0.160
Myrcene	3.4385	0.3439	0.107	0.220
β-pinene	2.501	0.2501	0.093	0.185
3-Carene	ND	ND	0.096	0.193
Delta-limonene	2.0239	0.2024	0.115	0.230
Cymene	ND	ND	0.258	0.516
β-Ocimene	ND	ND	0.115	0.230
Eucalyptol	ND	ND	0.102	0.204
γ-Terpinene	ND	ND	0.123	0.245
a-Terpinene	0.3601	0.0360096	0.070	0.140
Terpinolene	ND	ND	0.112	0.223
Linalool	2.2992	0.2299	0.175	0.349
Isopulegol	ND	ND	0.197	0.393
Geraniol	ND	ND	0.174	0.348
β-Caryophyllene	4.4349	0.4435	0.219	0.437
Humulene	2.2772	0.2277	0.144	0.288
Nerolidol	1.3096	0.130957	0.134	0.268
Guaial	ND	ND	0.152	0.303
Caryophyllene oxide	0.3683	0.0368345	0.248	0.496
α-Bisabolol	1.0495	0.104951	0.116	0.232

**Total Terpenes (%):** 20.7593 2.0759



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### Foreign Materials

PASS

**Date Analyzed:** 02/10/2023

**Date Completed:** 02/10/2023

**Instrument:** Amscope Microscope

**Method:** GTL-SOP-008-Determination of Filth and Foreign Matter

Foreign Material	Result (%)	Limit (%)	Pass/Fail
Filth and Foreign Material	ND	2	Pass

### Heavy Metals

PASS

**Date Analyzed:** 02/21/2023

**Date Completed:** 02/22/2023

**Test Batch #:** BA-021323-4903

**Instrument:** Agilent ICP-MS

**Method:** GTL-SOP-017-Heavy Metals by ICPMS

Heavy Metals	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Pass/Fail
Cadmium	0.0065	0.00021	0.00041	0.2	Pass
Lead	0.0069	0.00220	0.00440	0.5	Pass
Arsenic	0.0246	0.00020	0.00040	0.2	Pass
Mercury	0.003	0.00005	0.00009	0.1	Pass

### Microbial Analysis

PASS

**Date Analyzed:** 02/12/2023

**Date Completed:** 02/15/2023

**Test Batch #:**  
BA-021323-4902

**Instrument:** qPCR by Gene-up and TEMPO

**Method:** GTL-SOP-019-qPCR by Gene-up and Tempo

Microbial	Result (CFU/g)	LOD (CFU/g)	LOQ (CFU/g)	Limit (CFU/g)	Pass/Fail
Escherichia Coli (E. Coli)	ND	1.00	1.00	1	Pass
Yeast/Mold	ND	825	1651	10,000	Pass
Salmonella spp	ND	1.00	1.00	1	Pass
Aspergillus fumigatus	ND	1.00		1	Pass
Aspergillus terreus	ND	1.00		1	Pass
Aspergillus flavus	ND	1.00		1	Pass



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### Pesticide Profile

PASS

**Date Analyzed:** 02/19/2023 **Date Completed:** 02/20/2023 **Test Batch #:** BA-021523-4928  
**Instrument:** LCMSMS **Method:** GTL-SOP-016-Pesticides and Mycotoxins by LCMSMS

Pesticide	Result (ppm)	LOD (ppb)	LOQ (ppm)	Limit (ppm)	Pass/Fail
Abamectin	ND	0.183	0.367	0.5	Pass
Azoxystrobin	ND	0.032	0.063	0.2	Pass
Bifenazate	0.0417	0.020	0.039	0.2	Pass
Etoxazole	ND	0.023	0.046	0.2	Pass
Imazalil	ND	0.036	0.072	0.2	Pass
Imidacloprid	ND	0.042	0.083	0.4	Pass
Malathion	ND	0.026	0.052	0.2	Pass
Myclobutanil	ND	0.023	0.046	0.2	Pass
Permethrin	ND	0.046	0.092	0.2	Pass
Spinosad	ND	0.038	0.076	0.2	Pass
Spiromesifen	ND	0.024	0.048	0.2	Pass
Spirotetramat	ND	0.029	0.058	0.2	Pass
Tebuconazole	ND	0.030	0.060	0.4	Pass

### Water Activity

PASS

**Date Analyzed:** 02/13/2023 **Date Completed:** 02/13/2023 **Test Batch #:** BA-021323-4909  
**Instrument:** TDL Water Activity **Method:** GTL-SOP-015- Activity by Aqualab TDL

Water Activity	Result (aw)	Limit (aw)	Pass/Fail
Water Activity	0.3581	0.65	Pass

Anthony Brixey

James Rhudy

**Reviewed By:** Anthony Brixey  
02/22/2023

**Approved By:** James Rhudy  
02/22/2023



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